

*Stated Meeting, April 6, 1877.*

Present 19 members.

Vice-President, Mr. PRICE, in the Chair.

Letters accepting membership were received from E. H. Von Baumhauer, Harlem, March 7, 1877; from C. Wm. Siemens, 12 Queen Ann's Gate, Westminster, S. W., March 14, 1877; and from Mariano Barcena, dated Meteorological Central Observatory, Mexico, March 25, 1877.

Letters of acknowledgment were received from the Academy at St. Petersburg, February 26 (62, 74, 97); Royal Society of Sciences, Göttingen, February, 1877 (97); Royal Library, Leipzig, February 4 (97); S. de Phy. Geneva, December 1, 1876 (94, 95, XV, ii); Royal Danish Academy, Copenhagen, March 13 (97); Chicago Academy of Science, March 6 (Proc. 16, 17, 33, 35 to 39, Vol. III, Vol. V, wanting 44, Vol. VIII to XIV, 78, 94, 95, 96, 98).

Letters of envoy were received from Dr. A. Dreschler, Dresden, February 11; Royal Academy, Vienna, September 29, 1876; Royal Observatory, Greenwich, March 1877; Meteorological Office, London, March 1877; Howard College Observatory, April 3; United States Lighthouse Board, March 22; United States Naval Observatory, January 31; and the Department of the Interior, April 3, 1877.

Donations for the Library were received from the Nic. Observatory, St. Petersburg; Royal Danish Academy; Royal Academy, Vienna; M. Adolph Dreschler; the Society at Ulm; Neu Lausitz. Magazin, Görlitz; N. H. S. Bonn; Royal Society Göttingen; Flora Batava; S. de Phy. and M. H. de Saussure, Geneva; Royal Academy of Lincei, Rome; National Library and Faculty of Medicine, Madrid; Society of the Friends of Peace at Valentia; Central Geographical Commission of Lisbon; Portuguese Commissioners to the Centennial; Royal Astron. Society, Society of Arts, and Nature, London; Lit. and P. Society, Liverpool; Astronomical Observatory, Harvard College; Com.

Corr. Old South Church, Boston; B. N. H. S.; Silliman's Journal; American Chemist; Geological Survey of New Jersey; Academy Natural Science; Franklin Institute; College of Pharmacy, and E. D. Cope; United States Naval Observatory; Signal Service Office; Light House Board; Botanical Gazette, Hanover, Ind.; University of California, Berkeley; and the Brazilian Biographical Annual, Rio de Janeiro.

The death of Prof. J. S. Hart, aged 67, at his residence in Philadelphia, March 26, 1877, was announced by the Secretary.

Prof. Frazer exhibited and described the construction and use of a new compass devised by Major Brooks, for field work, to detect and measure local attraction more accurately than the ordinary dipping needle.

Prof. Frazer communicated a paper on Magnetic Declination.

The Secretary read a paper, entitled "On the relative ages of the Sun and certain of the Fixed Stars, by Prof. Daniel Kirkwood of Indiana University," which was discussed by the members present.

The Secretary presented, for Dr. Brinton, a paper, entitled "The Timucua Language, by Albert S. Gatschet."

The Secretary read a short communication from Mr. C. E. Hall, entitled "Contribution to the Palaeontological Museum of the Second Geological Survey of Pennsylvania," describing the late discoveries of Eurypterus (hitherto characteristic of the Silurian Water Lime rocks) in the Sub-carboniferous and Carboniferous of Northern and Western Pennsylvania, by Mr. Carll and Mr. Mansfield.

Dr. Le Conte read portions of a private letter and described the activity of the new Society of Sciences at Davenport, Iowa;—on motion the placing of that Society on the list of Correspondents was referred to the Publication Committee.

On motion the Secretaries were authorized to accept Mr. Sinclair's contract to make for \$25 a piece, two plates to il-

illustrate Prof. Cope's paper on the brain of *Coryphodon Elephantopus*.

Mr. E. K. Price offered the following resolution which was seconded and passed:

*Resolved*, That since by the death of Messrs. Durand, Trego and Guillou, there are three vacancies in the Committee on the Michaux Legacy, that said vacancies be now filled by new appointments.

Mr. Joseph P. Townsend, Mr. Aubrey H. Smith, and Mr. W. M. Tilghman, nominated respectively by Mr. Price, Dr. Cresson and Mr. J. S. Price, were elected to fill the vacancies.

Mr. E. K. Price offered the following resolution, which was seconded and passed:

*Resolved*, That the Committee on the Michaux Legacy be authorized to consider and report to the Society, from time to time, what appropriations should be made of the residue of the income of that Legacy, so that the purposes of his will may be faithfully executed.

Dr. Barker having explained that Prof. Draper, elected member of this Society in 1844, had never received copies of the Proceedings, and there being no likelihood that the Society would incur at present the expense of reprinting the exhausted numbers of the series, it was moved and adopted that the Secretaries be authorized to make an exception specially in his case, and take one of the twenty reserved sets, from the beginning, and present it to Prof. Draper.

Pending nominations number 830 to 834, 835, and new nomination 836 were read.

And the meeting was adjourned.

*Stated Meeting, April 20th, 1877.*

Present, 15 members.

Vice-President, Mr. FRALEY, in the Chair.

Letters of envoy were received from the Austrian Academy, Vienna, November 1, 1876.